

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claim 1 (Currently Amended): A communications apparatus comprising:

means for connecting to a computer network;

means for connecting to a public telephone network;

facsimile reception means for receiving facsimile image data from the public telephone network;

means for receiving transfer destination information of e-mail data from the public telephone network;

conversion means for converting the received facsimile image data into an e-mail data format;

transmission means for designating an e-mail destination of the computer network on the basis of the received transfer destination information, and transmitting the e-mail data converted by said conversion means to a destination designated by the transfer destination information;

means for selecting whether to release the public telephone network ~~is released~~ and whether facsimile reception via the public telephone network is started after the transfer destination information is not received within a prescribed time for monitoring signal reception from the public telephone network after call reception from the public telephone network; and

means for selecting whether to release the public telephone network ~~is released~~ and whether facsimile reception via the public telephone network is started after a signal related to a

facsimile communication is not received within a prescribed time for monitoring signal reception from the public telephone network after call reception from the public telephone network.

Claim 2 (Original): The apparatus according to claim 1, wherein said transmission means comprises destination designation means for designating the e-mail destination of the computer network on the basis of the received transfer destination information, and postoffice designation means for designating a desired postoffice in an e-mail server of the computer network.

Claim 3 (Original): The apparatus according to claim 1, wherein the transfer destination information and password information are received from the public telephone network, it is checked if e-mail transfer destination information corresponding to the transfer destination information is set in advance and if the received password information matches password information set in advance, and the converted e-mail data is transmitted in accordance with the checking results.

Claim 4 (Original): The apparatus according to claim 1, further comprising:
storage means for registering in advance e-mail address information of the e-mail destination in correspondence with numeral information, and
wherein the transfer destination information is received as numeral information, and the address information of the e-mail destination corresponding to the received numeral information is read out from said storage means to designate the e-mail destination.

Claim 5 (Original): The apparatus according to claim 3, wherein the password information is received as numeral information.

Claim 6 (Original): The apparatus according to claim 1, wherein the transfer destination information is received by a tone signal.

Claim 7 (Original): The apparatus according to claim 6, wherein the tone signal is a DTMF signal.

Claim 8 (Canceled).

Claim 9 (Original): The apparatus according to claim 4, wherein the transfer destination information is received by a protocol signal of a facsimile communication protocol.

Claim 10 (Original): The apparatus according to claim 5, wherein the password information is received by a protocol signal of a facsimile communication protocol.

Claim 11 (Original): The apparatus according to claim 9, wherein the protocol signal of the facsimile communication protocol is a subaddress signal or selective polling signal of the T. 30 recommendation.

Claim 12 (Original): The apparatus according to claim 10, wherein the protocol signal of the facsimile communication protocol is a password signal of the T. 30 recommendation.

Claim 13 (Currently Amended): A method for a communication apparatus connected to a computer network and a public telephone network, the communication apparatus having a facsimile communication function, the method comprising the steps of:

receiving a remote instruction including transfer destination information from the public telephone network by a protocol signal of a facsimile communication protocol;

receiving facsimile image data from the public telephone network;

converting the received facsimile image data into an e-mail data format;

designating an e-mail destination of the computer network based on the received remote instruction, and transmitting the converted e-mail data to a destination designated by transfer destination information;

selecting whether to release the public telephone network ~~is released~~ and whether facsimile reception via the public telephone network is started after the transfer destination information is not received within a prescribed time for monitoring signal reception from the public telephone network after call reception from the public telephone network; and

selecting whether to release the public telephone network ~~is released~~ and whether facsimile reception via the public telephone network is started after the a signal related to a facsimile communication is not received within a prescribed time for monitoring signal reception from the public telephone network after call reception from the public telephone network.

Claim 14 (Original): The method according to claim 13, wherein the remote instruction includes transfer destination information and password information of e-mail data, it is checked if e-mail transfer destination information corresponding to the transfer destination information is

set in advance and if the received password information matches password information set in advance, and the converted e-mail data is transmitted in accordance with the checking results.

Claim 15 (Original): The method according to claim 14, further comprising the step of: designating the e-mail address destination of the computer network on the basis of the received transfer destination information, and designating a desired postoffice in an e-mail server of the computer network.

Claim 16 (Original): The method according to claim 14, further comprising the steps of: registering in advance e-mail address information of the e-mail destination in storage means in correspondence with numeral information, and receiving the transfer destination information as numeral information, and reading out the address information of the e-mail destination corresponding to the received numeral information from said storage means to designate the e-mail destination.

Claim 17 (Original): The method according to claim 14, wherein the password information is received as numeral information.

Claim 18 (Original): The apparatus according to claim 14, wherein the transfer destination information is received by a tone signal.

Claim 19 (Original): The method according to claim 18, wherein the tone signal is a DTMF signal.

Claim 20 (Canceled).

Claim 21 (Original): The method according to claim 14, wherein the transfer destination information is received by a protocol signal of a facsimile communication protocol.

Claim 22 (Original): The method according to claim 14, wherein the password information is received by a protocol signal of a facsimile communication protocol.

Claim 23 (Original): The method according to claim 21, wherein the protocol signal of the facsimile communication protocol is a subaddress signal or selective polling signal of the T. 30 recommendation.

Claim 24 (Original): The method according to claim 22, wherein the protocol signal of the facsimile communication protocol is a password signal of the T. 30 recommendation.

Claim 25 (Currently Amended): A ~~storage medium which stores~~ computer readable medium storing a computer program ~~executed~~ code executable by a computer of a communication apparatus connected to a computer network, and a public telephone network, the communication apparatus having a facsimile communication function, said executed computer program ~~having~~ code performing process steps comprising:

processing of receiving a remote instruction including transfer destination information from the public telephone network;

processing of receiving facsimile image data via the public telephone network;
processing of converting the received facsimile image data into an e-mail data format;
processing of designating an e-mail destination of the computer network based on the received transfer destination information, and transmitting the converted e-mail data to a destination designated by transfer destination information;

processing of selecting whether to release the public telephone network ~~is released~~ and whether facsimile reception via the public telephone network is started after the transfer destination information is not received within a prescribed time for monitoring signal reception from the public telephone network after call reception from the public telephone network; and

processing of selecting whether to release the public telephone network ~~is released~~ and whether facsimile reception via the public telephone network is started after a signal related to a facsimile communication is not received within a prescribed time for monitoring signal reception from the public telephone network after call reception from the public telephone network.

Claim 26 (Original): The medium according to claim 25, wherein the remote instruction includes transfer destination information and password information of e-mail data, it is checked if e-mail transfer destination information corresponding to the transfer destination information is set in advance and if the received password information matches password information set in advance, and the converted e-mail data is transmitted in accordance with the checking results.

Claim 27 (Original): The medium according to claim 26, wherein said computer program further has:

processing of designating the e-mail address destination of the computer network on the basis of the received transfer destination information, and designating a desired postoffice in an e-mail server of the computer network.

Claim 28 (Original): The medium according to claim 26, wherein said computer program further has:

processing of registering in advance e-mail address information of the e-mail destination in storage means in correspondence with numeral information, and

processing of receiving the transfer destination information as numeral information, and reading out the address information of the e-mail destination corresponding to the received numeral information from said storage means to designate the e-mail destination.

Claim 29 (Original): The medium according to claim 26, wherein said computer program further has processing of receiving the password information as numeral information.

Claim 30 (Original): The medium according to claim 26, wherein said computer program further has:

processing of receiving the transfer destination information by a DTMF signal.

Claim 31 (Canceled).

Claim 32 (Original): The medium according to claim 26, wherein said computer program further has processing of receiving the transfer destination information by a protocol signal of

a facsimile communication protocol.

Claim 33 (Original): The medium according to claim 26, wherein said computer program further has processing of receiving the password information by a protocol signal of a facsimile communication protocol.

Claim 34 (Original): The medium according to claim 26, wherein said computer program further has processing of receiving the transfer destination information by a subaddress signal or selective polling signal of the T.30 recommendation.

Claim 35 (Original): The medium according to claim 26, wherein said computer program further has processing of receiving the password information by a password signal of the T.30 recommendation.

Claim 36 (Currently Amended): A communication system including a communication apparatus which is connected to a computer network and a public telephone network, the communication apparatus having a facsimile communication function, the computer network having an e-mail server,

wherein said communication apparatus receives facsimile image data from the public telephone network upon reception of a remote instruction including transfer destination information from the public network on the basis of a facsimile communication, converts the received facsimile image data into an e-mail data format, transmits the e-mail data by designating an e-mail destination based on the received transfer destination, selects whether to

release the public telephone network ~~is released~~ and whether facsimile reception via the public telephone network is started after a signal related to a facsimile communication is not received within a prescribed time for monitoring signal reception from the public telephone network after call reception from the public telephone network, selects whether to release the public telephone network ~~is released~~ and whether facsimile reception via the public telephone network is started after transfer destination information is not received within a prescribed time for monitoring signal reception from the public telephone network after call reception from the public telephone network, and

said e-mail server receives the transmitted e-mail data in a post office corresponding to the e-mail destination.

Claim 37 (Currently Amended): A communication apparatus comprising:

means for connecting various types of networks which have unique formats and addresses, respectively;

means for receiving information data with destination address data via one of said networks from a transmission source;

means for changing a format of said information data and said destination address data into another format corresponding to another type of network by discriminating said destination address data; and

means for selecting whether ~~the~~ to continue communication ~~is continued~~ via said network when said destination data is not received within a prescribed time for monitoring signal reception from said network after a session is started via said network;

means for selecting whether ~~the~~ to continue communication ~~is continued~~ via said network when said information data is not received within a prescribed time for monitoring signal reception from said network after a session is started via said network; and

means for determining at least two mode of operation based on said selection means, at least one of the modes being for a communication of facsimile data.

Claim 38 (Previously Presented): The apparatus according to claim 37, wherein said types of networks include a computer network.

Claim 39 (Original): The apparatus according to claim 37, wherein said types of networks include a public telephone network.

Claim 40 (Previously Presented): The communication apparatus according to claim 37, wherein said information data is image data in accordance with predetermined image format.

Claim 41 (Previously Presented): The communication apparatus according to claim 37, wherein said means for changing a format changes the format from a predetermined format to an e-mail format.

Claim 42 (Previously Presented): The communication apparatus according to claim 37, wherein said means for changing a format changes the format from a facsimile format to a predetermined format.

Claim 43 (Currently Amended): A communication apparatus comprising:

means for connecting various types of networks which have unique formats and addresses, respectively;

means for receiving information data with destination address data from a transmitting source via a network;

means for returning a message in response to a request from the transmitting source via said network;

means for receiving an instruction generated based on said message;

means for receiving another instruction different from said instruction based on said message;

means for processing said information data without changing the format in a case where the another instruction is received;

means for changing a format of said information data and said destination address data into another format corresponding to another type of network in accordance with the received instruction;

and means for transmitting the changed information data and destination address data in accordance with the instruction received by one of said means of receiving; and

means for selecting between at least two mode of operation for continuing communication if said information data is not received within a prescribed time, at least one of the modes being for the communication of facsimile data.

Claim 44 (Previously Presented): The communication apparatus according to claim 43, wherein said means for returning returns said message as voice guidance information.

Claim 45 (Previously Presented): The communication apparatus according to claim 43, wherein said means for receiving an instruction receives the instruction by a tone signal.

Claim 46 (Previously Presented): The communication apparatus according to claim 45, wherein the tone signal is a DTMF signal.

Claim 47 (Previously Presented): The communication apparatus according to claim 43, wherein said information data is image data in accordance with a predetermined image format.

Claim 48 (Previously Presented): The communication apparatus according to claim 43, wherein said means for changing the format changes the format from a predetermined format to an e-mail format.

Claim 49 (Previously Presented): The communication apparatus according to claim 43, wherein means for changing a format changes the format from a facsimile format to a predetermined format.

Claim 50 (Currently Amended): A method for a communication apparatus comprising the steps of:

connecting various types of networks which have unique formats and addresses, respectively;

receiving information data with destination address data via one of said networks from a transmission source;

changing a format of said information data and said destination address data into another format corresponding to another type of network by discriminating said destination address data; selecting whether the communication is continued via said network after said destination data is not received within a prescribed time for monitoring signal reception from said network after a session is started via said network;

selecting whether to continue the communication ~~is continued~~ via said network after said information data is not received within a prescribed time for monitoring signal reception from said network after a session is started via said network.

Claim 51 (Currently Amended): A computer program stored on a computer readable medium, the computer program with computer readable media for a communication apparatus containing computer readable program code means for executing steps, said steps comprising:

connecting various types of networks that have unique formats and addresses, respectively;

receiving information data with destination address data via one of said networks from a transmission;

changing a format of said information data and said destination address data into another format corresponding to another type of network by discriminating said destination address data;

selecting whether to continue the communication ~~is continued~~ via said network after said information data is not received within a prescribed time for monitoring signal reception from said network after a session is started via said network; and

selecting whether the communication is continued via said network after said destination data is not received within a prescribed time for monitoring signal reception from said network after a session is started via said network.

Claim 52 (Currently Amended): A method for a communication apparatus comprising:

- connecting various types of networks which have unique formats and addresses, respectively;
- receiving information data with destination address data from a transmitting source via a network;
- returning a message in response to a request from the transmitting source via said network;
- receiving an instruction generated based on said message;
- receiving another instruction different from said instruction based on said message;
- processing said information data without changing the format in a case where the another instruction is received; and changing a format of said information data and said destination address data into another format corresponding to another type of network in accordance with the receiving instruction; and
- selecting between at least two mode of operation for continuing communication if said information data is not received within a prescribed time, at least one of the modes being for the communication of facsimile data.

Claim 53 (Currently Amended): A computer program stored on a computer readable medium, the computer program with computer readable media for a communication apparatus containing computer readable program code means for executing steps, said steps comprising:

connecting various types of networks which have unique formats and addresses,
respectively;

receiving information data with destination address data from a transmitting source via a network;

returning a message in response to a request from the transmitting source via said network;

receiving an instruction generated based on said message;

receiving another instruction different from said instruction based on said message;

processing said information data without changing the format in a case where the another instruction is received;

changing a format of said information data and said destination address data into another format corresponding to another type of network in accordance with the receiving instruction;
and

selecting between at least two modes of operation for continuing communication if said information data is not received within a prescribed time for monitoring signal reception after a session is started, at least one of the modes being for the communication of facsimile data.